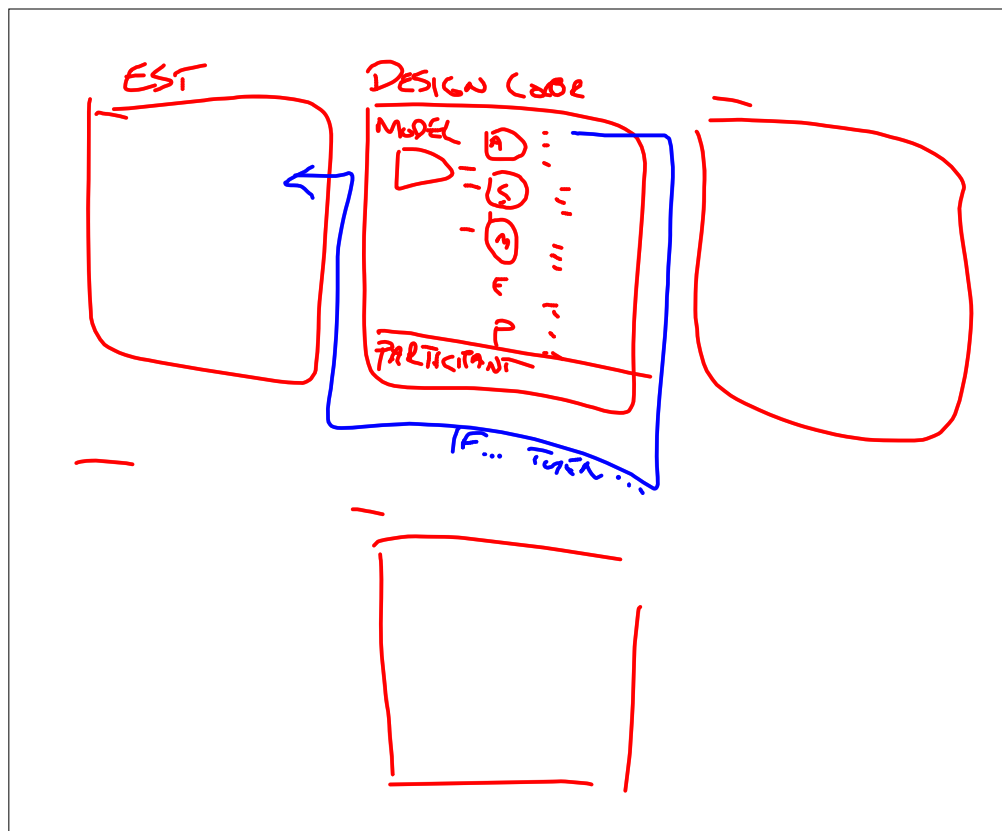
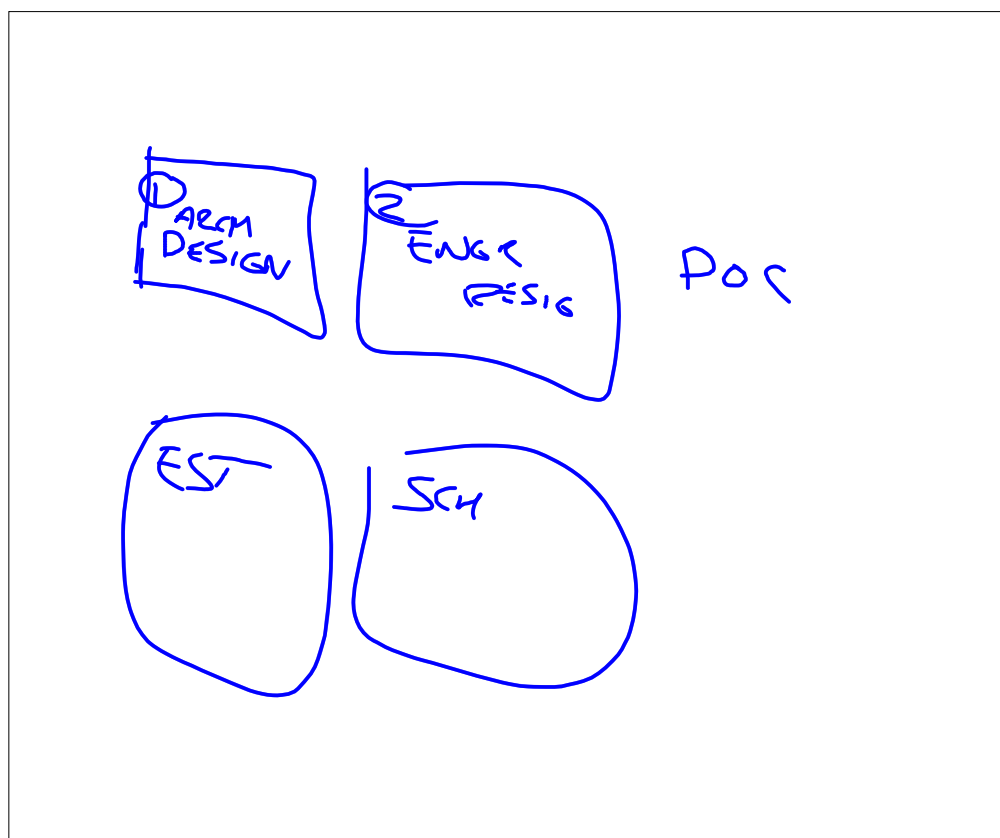
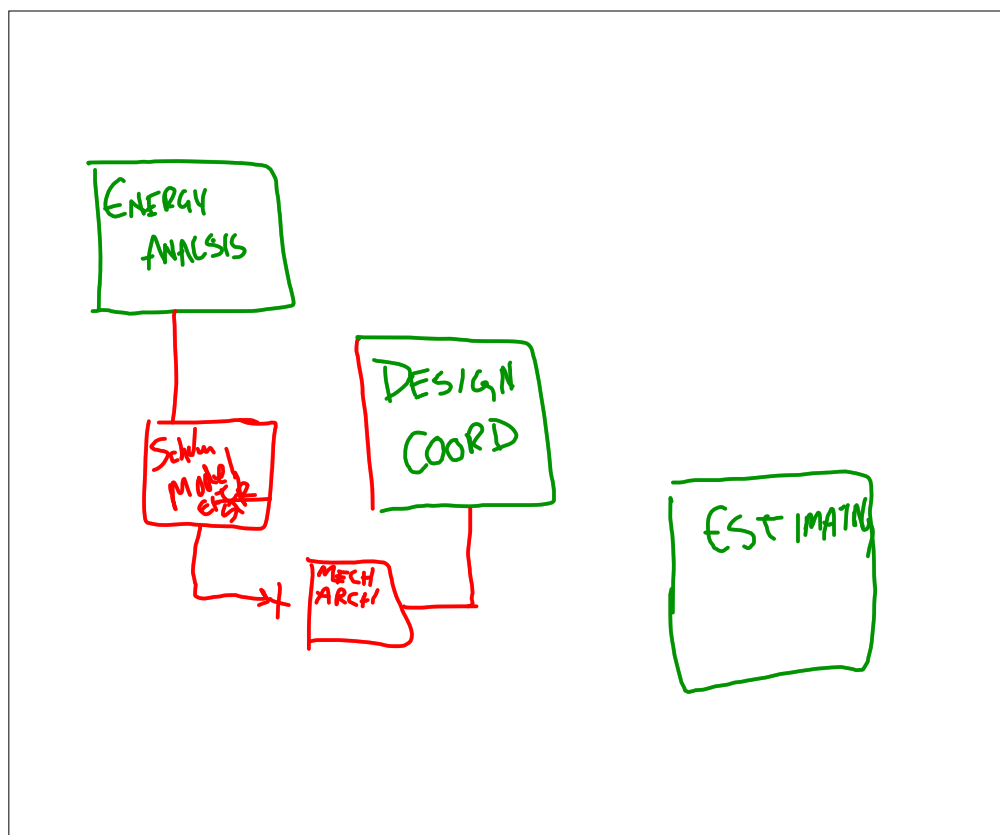


Jul 10-11:09 AM

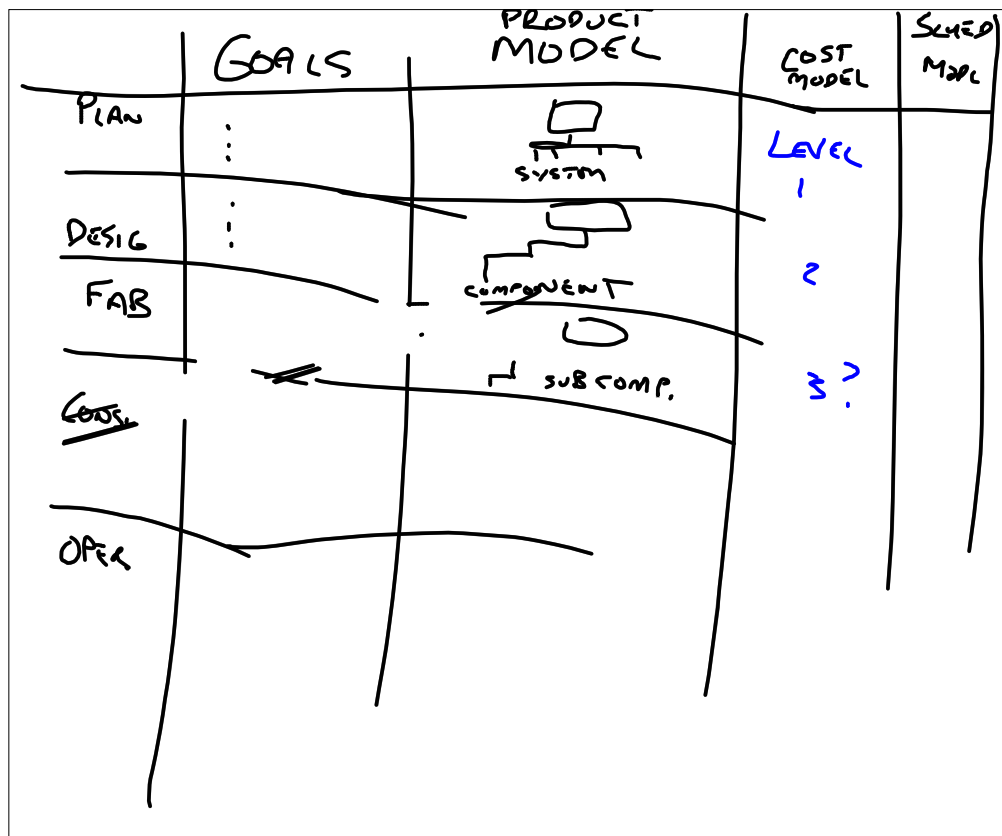




Jul 10-11:22 AM



Jul 10-11:23 AM



Jul 10-11:26 AM

### METHODOLOGY THOUGHTS:

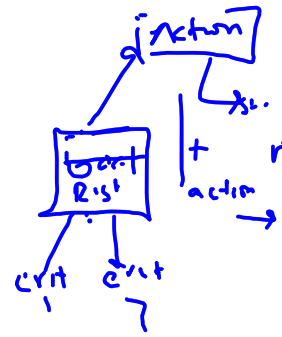
" GO OBSERVE.

Jul 10-11:32 AM

## RISK FACTORS

- SITE CONSTRAINTS
- BUDGET
- SCHEDULE
- ~~GE~~ GEOGRAPHY
- LOCAL CODES
- AS BUILT CONDITIONS

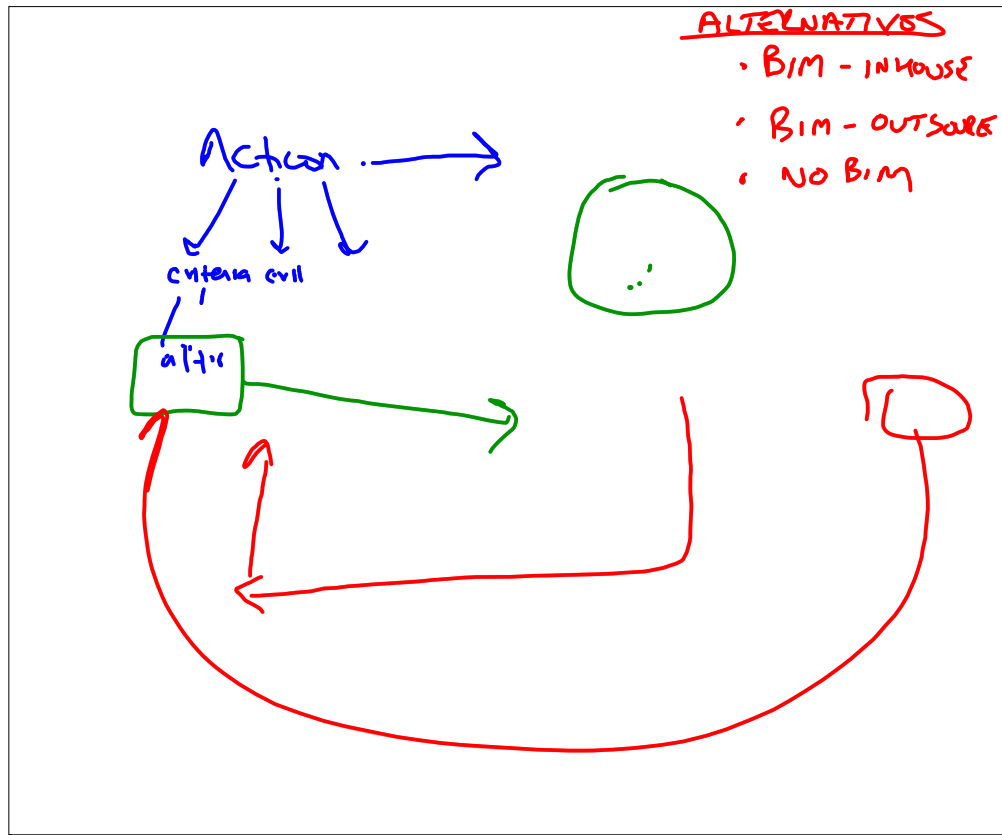
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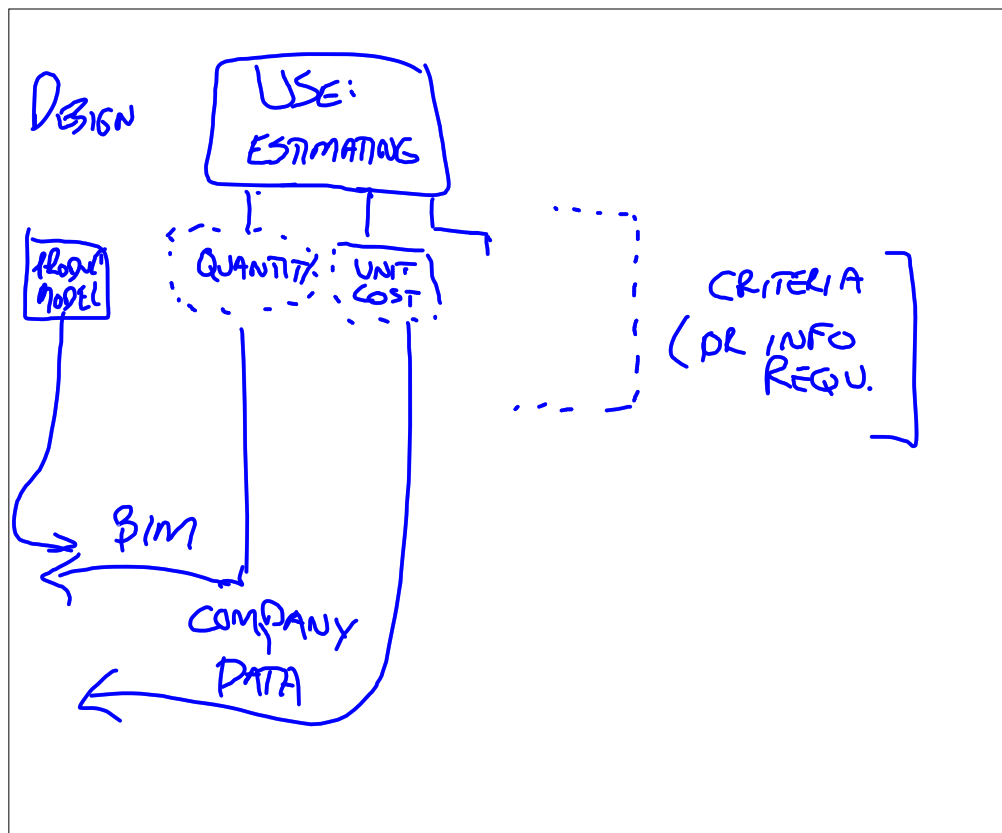
Jul 10-11:34 AM

- PROJECT CHARTER
- EXPERTISE
- GOALS

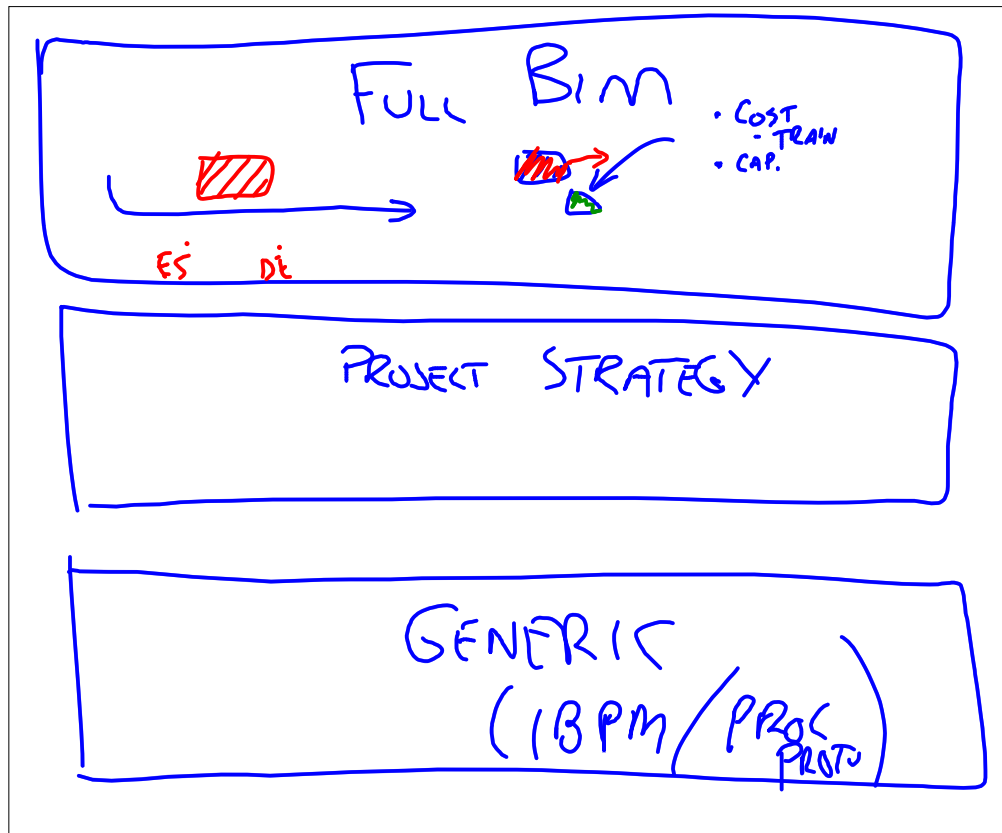
Jul 10-12:24 PM



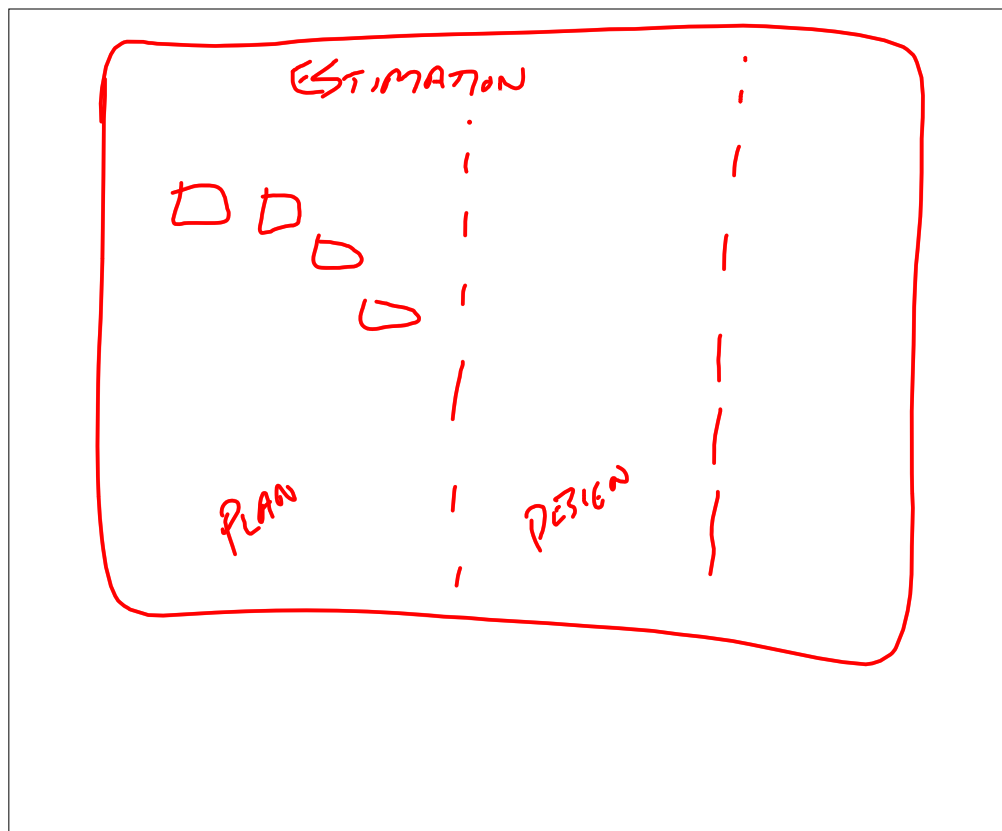
Jul 10-11:38 AM



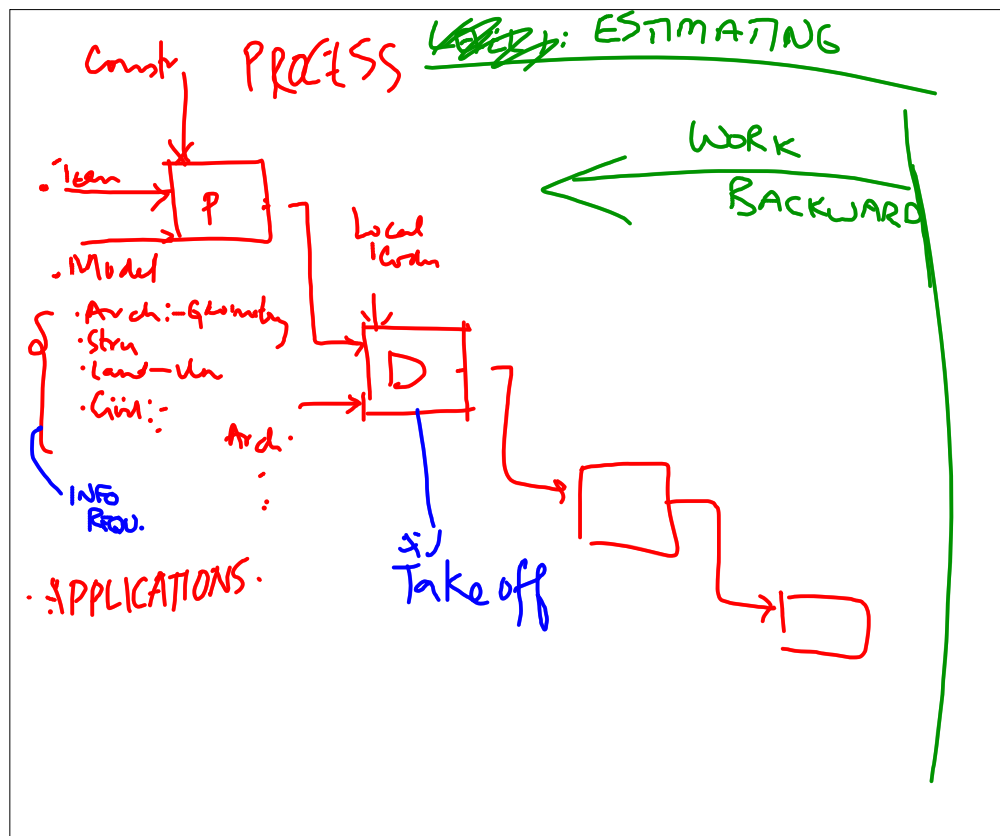
Jul 10-11:43 AM



Jul 10-11:47 AM



Jul 10-11:54 AM



Jul 10-11:54 AM

- KEY ELEMENTS FOR EACH PHASE
  - FOR EACH USE
  - FOR EACH DISCIPLINE

1) VISUA

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(

Jul 10-11:59 AM

- 1) VISUALIZATION (Form/Function)
- 2) ENG. PERFORMANCE
  - Lighting
  - Energy
  - Evacuation
- 3) SCHEDULING
- 4) FACILITY MGT.
- 5) COORDINATION
- 6) ESTIMATION & QTY. TAKE OFF
- 7) DIGITAL FAB
- 8) PROD. OF CONST. DCS
- 9) ANALYSIS OF DESIGN

Jul 10-12:06 PM

FROM BEFORE:

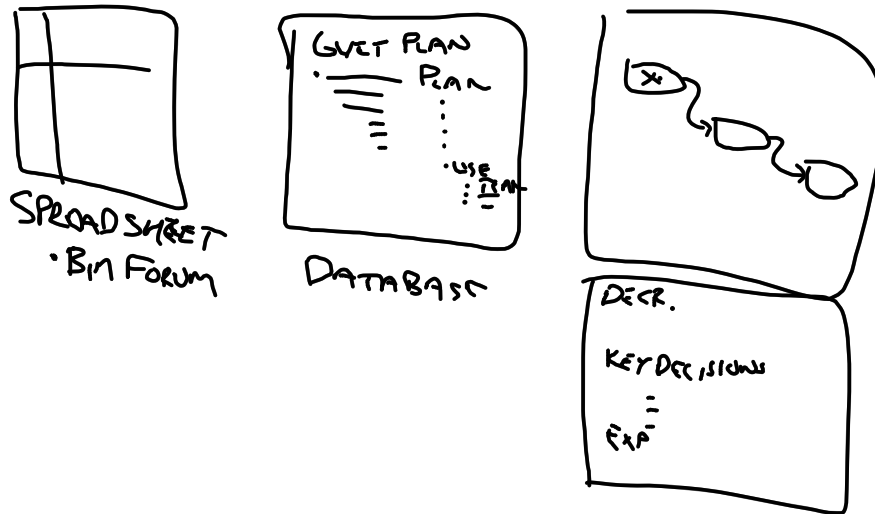
VALUE OF BIM

- 1) VISUALIZATION
- 2) DATA MODELING EFFICIENCY? EFFECTIVENESS
- 3) DESIGN ANALYSIS/SIM
- 4) DIGITAL FAB.

Jul 10-12:09 PM



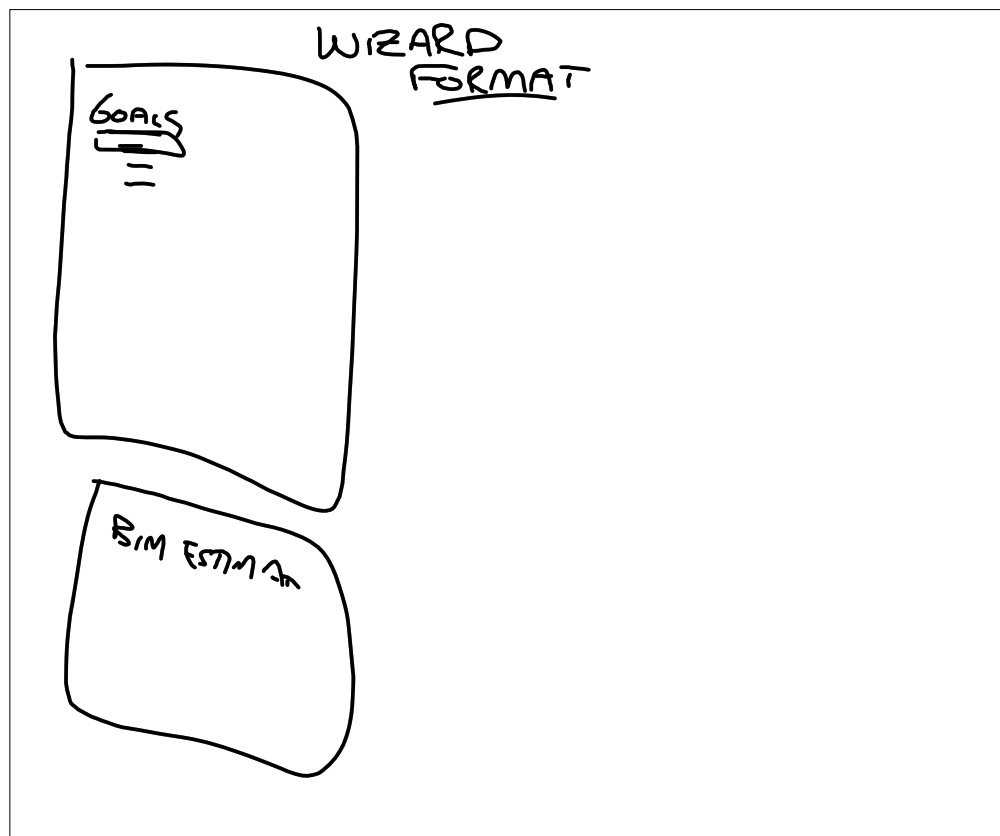
## Options for Decision Tool



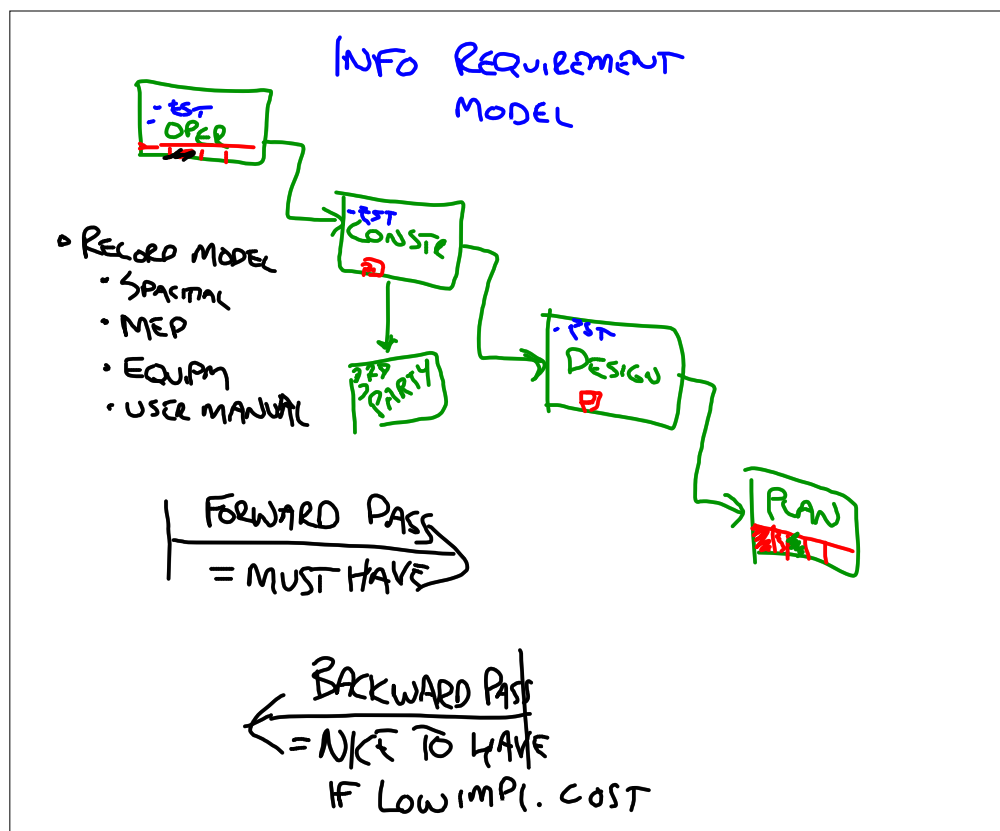
Jul 10-12:14 PM



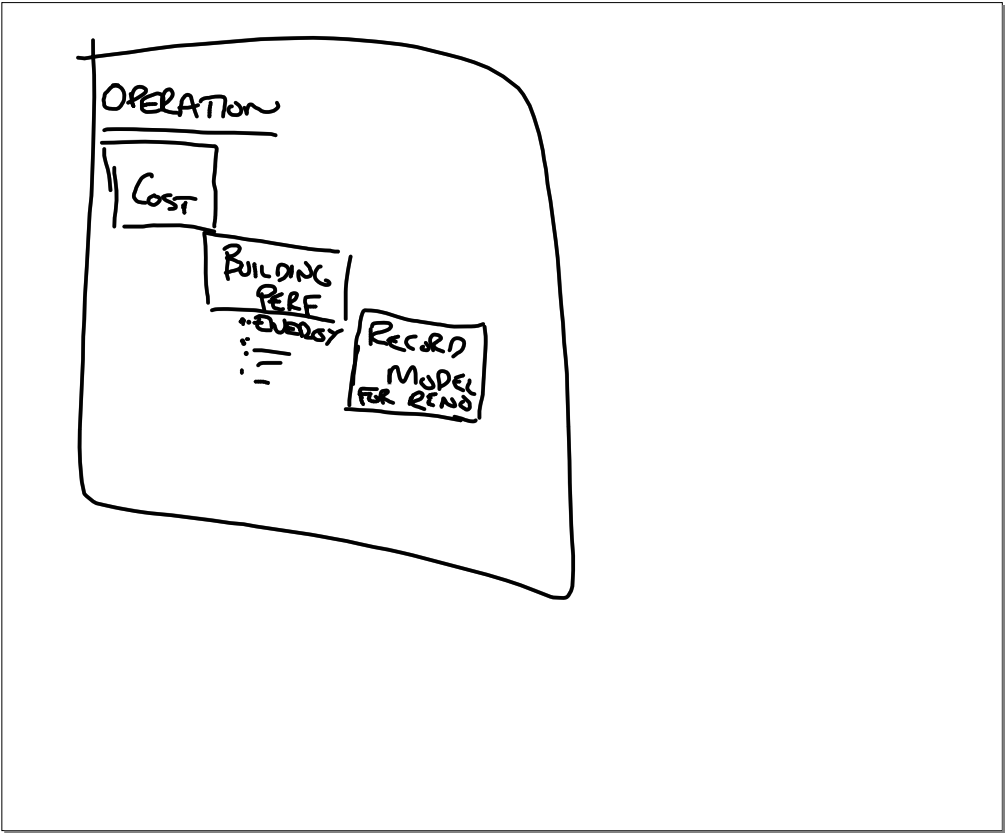
Jul 10-12:18 PM



Jul 10-12:29 PM



Jul 10-12:34 PM



Jul 10-12:42 PM

A hand-drawn table with two main columns: "USE" and "VALUE". The "USE" column contains the word "MANUTON". The "VALUE" column contains the values "1", ".5", ".3", ".1", "0", and "0". To the right of the "VALUE" column, there are three columns with arrows pointing downwards in the third, fourth, and sixth rows. The fifth column has a diagonal line running from the top-right to the bottom-left. Below the table, there is a handwritten note that says "PROFESSOR" and "RESEARCH".

USE	VALUE			
MANUTON	1			
	.5			
	.3			
	.1			
	0			
	0			

Jul 10-12:45 PM